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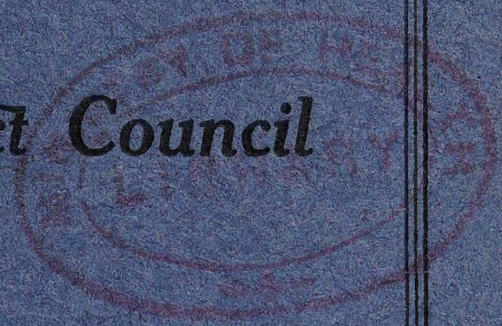

ANNUAL REPORT

OF THE

Medical Officer of Health for the year 1941

BY

CHARLES NIXON SMITH,
M.C., M.B., Ch.B., D.P.H.

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Tutbury Rural District Council.

PUBLIC HEALTH DEPARTMENT,
"THE POPLARS,"
ROLLESTON ROAD,
BURTON-ON-TRENT.

To the Chairman and Members of the
Tutbury Rural District Council.

Mr. Chairman, Lady and Gentlemen,

I have the honour to present my annual report for the year 1941.

The health of the District has been satisfactory. The Birth Rate and Death Rate compare favourably with the Rates for England and Wales, and the Infantile Mortality Rate of 27.4 is lower than that of the previous year which was very satisfactory.

The opening of the Mid-Staffordshire Joint Board's Isolation Hospital took place in September and has proved a most useful service.

The campaign for Immunisation of children has had gratifying results.

I have the honour to be,

Your obedient servant,

CHARLES NIXON SMITH.

PUBLIC HEALTH STAFF.

Medical Officer of Health

CHARLES NIXON SMITH, M.C., M.B., Ch.B., D.P.H.
(who is also M.O.H. Rugeley Urban District, and Assistant County M.O.H.)

Sanitary Inspector

A. S. BROAD, Cert. R S.I. (who is also the Surveyor).

Assistant Sanitary Inspector

G. T. W. ALLEN.

Clerk

S. K. STREET.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres	31,708
Registrar General's estimate of Resident Population, Mid 1941 ...	14,130
Number of inhabited houses, end of 1941 according to Rate Books ...	4,100
Rateable Value	£72,733
Sum represented by a penny rate ...	£294.98

VITAL STATISTICS.

		Total	M.	F.	
LIVE BIRTHS	Legitimate	209	110	99	Birth rate per 1,000 of estimated resident population 15.07
	Illegitimate	4	2	2	
	Total	213	112	101	

STILL BIRTHS	Legitimate	12	9	3	Rate per 1,000 total births (live and still) 53.3
	Illegitimate	0	0	0	

DEATHS 154 83 71 Death rate per 1,000 of estimated resident population, 10.9

FOR ENGLAND AND WALES—Birth Rate—14.7
Death Rate—12.9

DEATHS FROM PUERPERAL CAUSES

Puerperal Sepsis ...	Nil.
Other Puerperal Causes ...	
Total ...	

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE

All Infants per 1,000 live births ... 27.4

There were no deaths in illegitimate infants under one year of age.

THE INFANTILE MORTALITY RATE FOR ENGLAND AND WALES 59.00

Deaths from Cancer (all ages) ...	18
" " Measles (all ages) ...	Nil
" " Whooping Cough (all ages)	1
" " Diarrhœa (under 2 years of age)	1

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The greater part of the Rural District is supplied with water from the mains of the South Staffordshire Waterworks Co., and the company have extended some small lengths of mains during the year. No new sources of supply have been provided. The Parish of Tutbury is supplied with water from the Rural District Council's own Scheme. The supplies in each case have been satisfactory both in quality and quantity during the year.

The water is now being chlorinated at the Tutbury Pumping Station in accordance with the requirements of the Ministry of Health.

DRAINAGE AND SEWERAGE.

The new Sewers for the Parishes of Stretton, Outwoods and Branston are completed and working satisfactorily and the majority of house drains of properties in the Parishes have now been connected to the sewer.

The crude sewage at the Barton-under-Needwood disposal works is being chlorinated to obviate smells which have arisen in the past. The treatment appears to be very effective as no complaints have been received since the treatment commenced.

The Council have had under consideration the inadequacy of the sewage pumping arrangements at the Rolleston Sewage Pumping Station, and on the report of their Consulting Engineers, decided to make partial enlargements to the pumping plant for the duration of the war, after which, further extensions to the pumping plant, and at the outfall works will be considered.

Public Cleansing.

The domestic scavenging in the Parishes of Branston, Outwoods, Rolleston, Stretton and Tutbury has been carried out satisfactorily. The shortage of labour persists but otherwise no difficulties have been experienced.

Closet Accommodation.

Thirty-four privies or pan closets have been abolished and water closets substituted by owners during the year.

Smoke Abatement.

One case was reported and found to require action. After an informal notice the nuisance was abated.

Camping Sites.

There are no recognised camping sites in the district.

Swimming Baths.

There is only one swimming bath in the district. This is a privately owned one in the village of Rolleston-on-Dove. It appears well managed and supervised.

Eradication of Bed Bugs.

Two cases of infestation by bed bugs have been found during the year. The premises were first sprayed with "Zaldecide" and then fumigated with "Cescones." This treatment was effective.

SECTION D.

HOUSING.

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:—

(1)	(*a*) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	103
	(*b*) Number of inspections made for the purpose	198
(2)	(*a*) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	Nil
	(*b*) Number of inspections made for the purpose	10
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)	Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	27

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	118

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

The cowsheds and dairies of the district have been inspected from the Sanitary Inspector's department.

A small quantity of tinned foods were found defective, and were condemned as unfit for human food, but were salvaged for animal feeding.

A quantity of eggs were also found that were unfit for food.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Isolation Hospital.

The Mid-Staffordshire Joint Hospital Board opened its new Hospital at the beginning of September, 1941, and since that date cases of Infectious Diseases have been treated there. Occasionally a case is represented by the notifying doctor as serious and requiring removal to Hospital with urgency. These cases have been sent to the Burton Corporation Isolation Hospital, this journey is much shorter, and the Joint Board accept financial responsibility. The provision of the Joint Board's Hospital has proved a great benefit to the Authority and arrangements for removal there have worked smoothly.

Immunisation Against Diphtheria.

In accordance with the Ministry of Health's instructions an effort has been made to get as many children immunised as possible during the year :—

Children under 5 years of age that were immunised	118
Children aged 5 to 15 years of age that were immunised	534
Total	652

No Schick testing has been done, there being no time available for this procedure.

At the end of the year it was estimated that,

The percentage of children under 5 years of age that were immunised ...	20%
The percentage of children aged 5 to 15 years of age that were immunised ...	60%

Disease.	Total cases notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever ...	32	26	Nil
Small Pox ...	Nil	Nil	Nil
Diphtheria ...	9	8	Nil
Erysipelas ...	2	Nil	Nil
Measles ...	283	Nil	Nil
Anterior Poliomyelitis ..	Nil	Nil	Nil
Whooping Cough ...	90	Nil	1
Pneumonia ...	21	Nil	9
Puerperal Pyrexia ..	2	Nil	Nil
Cerebro Spinal Meningitis	3	3	Nil
Opthalmia Neonatorum	1	Nil	Nil

ANALYSIS OF NOTIFIED CASES ACCORDING TO AGE.

Disease	AGE GROUPS												
	Under 1 year	1	2	3	4	5	6 to 10	11 to 15	16 to 20	21 to 35	36 to 45	46 to 65	Over 65
Scarlet Fever	1		2	1	3	2	18	3	1	1			
Diphtheria			1			2	4	1		1			
Measles	7	15	21	24	33	50	107	21	4	1			
Whooping Cough	7	9	9	15	9	13	23	3		2			
Pneumonia			1	1			3	2	3	4	2	4	1
Cerebro Spinal Meningitis								1		1	1		
Erysipelas									1	1		2	

TUBERCULOSIS.

Cases on Tuberculosis Register, 31st December, 1941.

Males.		Females.		Total
Respiratory	Non-Respiratory	Respiratory	Non-Respiratory	
30	15	13	6	64

NEW CASES AND MORTALITY DURING 1941.

AGE PERIODS	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...	—	—	—	—	—	—	—	—
1—5	—	—	—	—	—	—	—	—
6—15	1	—	—	—	—	—	1	1
16—25	—	—	—	1	—	1	—	—
26—35	3	1	—	—	1	1	—	1
36—45	1	—	—	—	1	—	—	—
46—55	1	—	—	—	—	—	—	—
56—65	1	—	—	—	—	—	—	—
Over 65 ...	—	—	—	—	1	—	—	—
Totals ...	7	1	—	1	3	2	1	2

The above total is an increase of 3 cases as compared with the figure for 1940.

CAUSES OF DEATH IN TUTBURY RURAL DISTRICT DURING THE YEAR 1941.

	Causes of Death	Male	Female
	ALL CAUSES	83	71
1.	Typhoid and paratyphoid Fevers	—	—
2.	Cerebro-spinal Fever ...	—	—
3.	Scarlet Fever	—	—
4.	Whooping Cough ...	—	1
5.	Diphtheria	—	—
6.	Tuberculosis of respiratory system	3	2
7.	Other forms of Tuberculosis	1	2
8.	Syphilitic diseases ...	—	—
9.	Influenza	1	—
10.	Measles	—	—
11.	Ac: polio-myel and polio-enceph.	—	—
12.	Ac: inf: enceph ...	—	1
13.	Cancer	9	9
14.	Diabetes	1	2
15.	Intra-cran:vasc:lesions ...	7	5
16.	Heart Disease	17	19
17.	Other circulatory diseases ...	—	1
18.	Bronchitis	3	3
19.	Pneumonia ...	6	3
20.	Other respiratory diseases ...	3	1
21.	Ulcer: of stomach or duodenum	2	1
22.	Diarrhœa (under 2 years) ...	—	1
23.	Appendicitis	—	—
24.	Other digestive diseases ...	4	2
25.	Nephritis ...	4	2
26.	Puerperal and post-abort: sepsis	—	—
27.	Other maternal causes ...	—	—
28.	Congenital debility, Premature birth, &c. ...	4	1
29.	Suicide	1	1
30.	Road traffic ac: ...	4	3
31.	Other violent causes ...	4	1
32.	All other causes ...	9	10

Administration of the Factory and Workshop Act, 1901, and the Factories Act, 1937 (which superseded the Act of 1901 on 1st July, 1938)

Factories, Workshops and Workplaces.

1.—INSPECTIONS for purposes of provisions as to health.

Including Inspections made by Sanitary Inspectors

PREMISES	Number of		
	Inspections	Written Notices	Occupiers Prosecuted
FACTORIES with mechanical power	35	...	...
FACTORIES without mechanical power	14	...	...
OTHER PREMISES under the Act (including works of building and engineering construction but not including outworkers' premises)	...	...	...
TOTAL	49	...	...

2.—DEFECTS FOUND.

PARTICULARS	Number of Defects			Number of defects in respect of which Prosecutions were instituted.
	Found	Remedied	Referred to H.M. Inspector	
Want of cleanliness (S 1) ...				
Overcrowding (S 2) ...				
Unreasonable temperature (S 3) ...				
Inadequate ventilation (S 4) ...				
Ineffective drainage of floors (S 6)				
Sanitary Conveniences (S 7) { insufficient / unsuitable or defective / not separate for sexes	1	1		
Other offences ...				
TOTAL	1	1		

TUTBURY RURAL DISTRICT COUNCIL.

Summary of work done in the Sanitary Inspector's Department during the Year 1941, in the R.D. of Tutbury.

	Inspections	Defects found	Informal Notices by Inspector	Formal Notices by Authority	Nuisances abated after Notices by Inspector	Nuisances abated after Notices by Authority
Defective Floors	—	—	—	—	—	—
Dampness	22	22	22	—	22	—
Vermimous Premises	4	4	4	—	4	—
Foul Conditions	1	1	1	—	1	—
Animals kept as a Nuisance	—	—	—	—	—	—
Structural Defects	13	13	13	—	13	—
Defective Sinks	5	3	3	—	3	—
Defective and choked drains	19	19	19	—	19	—
Water Supply	12	8	8	—	8	—
Privies converted to W.Cs.	44	34	34	—	4	—
Ashpits and Privies	92	17	17	—	17	—
Dairies, Cowsheds, and Milkshops ...	17	46	10	—	10	—
Bakehouses	6	—	—	—	—	—
	235	161	131	—	101	—

Precautions against Infectious Diseases

Houses disinfected after Infectious Disease	47
" " " Deaths, etc.	1
Samples of Water taken and found to be unfit ...	8
Samples of Water taken and found to be fit ...	4
No. of houses provided with pure supply of water as a result of above action ...	12

A. S. BROAD, *Sanitary Inspector*